

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

SOYBEAN HARVEST IS IN FULL SWING

Soybean harvest is in full swing throughout the state, according to the Minnesota Agricultural Statistics Service. Many producers reported nearly perfect weather for harvesting and the right amount of topsoil moisture for fall tillage. The weather this week was highly variable with high temperatures in the 90's in the western and central portions of the state on Tuesday contrasting with highs on Saturday in the 40's. The cold temperatures resulted in a killing frost across the state.

Soybeans are 89% mature as of Sunday, October 7th, compared with 99% last year and 94% for the 5-year average. Soybean harvest is in full swing with 54% harvested, compared to 92% last year and 64% for the 5-year average. Average soybean moisture content is 12%, versus 10% last year and 12% for the 5-year average.

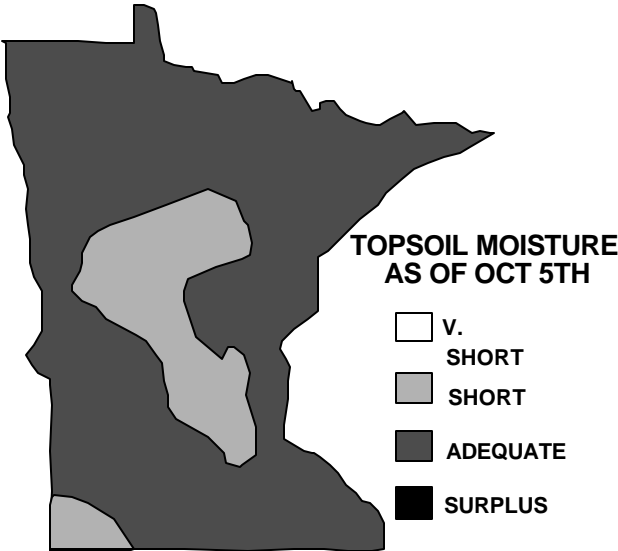
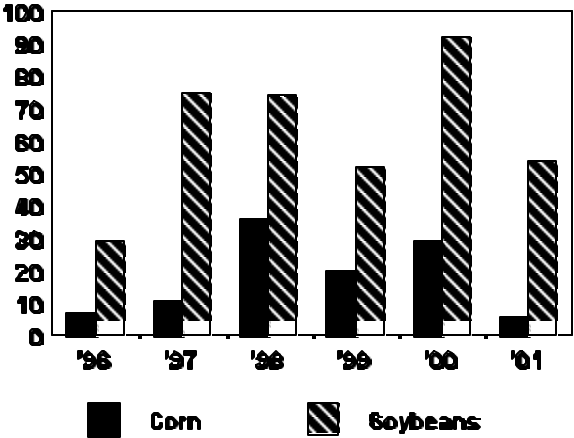
Corn is 89% mature compared with 99% last year and 95% for the 5-year average. Corn harvest is underway with 6% complete, versus 29% last year and 21% for the 5-year average. Corn moisture content is 25% versus 19% last year and 22% for the five year average. Corn condition is rated 38% good to excellent, unchanged last week's rating. The corn silage harvest is nearly complete at 96%, versus last year's 99% and 95% for the 5-year average.

Sugarbeet harvest is also in full swing with 49% harvested compared to 44% last year and 43% for the 5-year average.

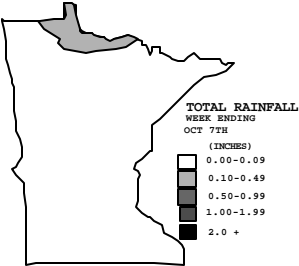
Days Suitable for Fieldwork: 6.6					
		Very Short	Short	Ade-quate	Surplus
Topsoil Moisture (%)		4	24	71	1
Crop Progress as of October 7, 2001					
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week
-----Percent-----					
Corn	Mature	95	99	69	89
	Harvested	21	29	2	6
	Moisture Content	22	19	29	25
	Silage Cut	95	99	89	96
Soybeans	Stubble Worked	6	7	NA	3
	Dropping Leaves	99	99	92	99
	Mature	94	99	56	89
	Harvested	64	92	11	54
Winter Wheat	Moisture Content	12	10	14	12
	Stubble Worked	32	36	NA	19
	Seeded (for 2002)	98	99	99	99
	Rye	96	96	93	99
Dry Beans	Harvested	87	87	60	83
Potatoes	Harvested	75	84	55	73
Grain/Hay	Stubble Worked	81	81	70	75
Sunflowers	Harvested	18	6	2	11
Sugarbeets	Harvested	43	44	9	49
Crop Condition as of October 5 th					
	V. Poor	Poor	Fair	Good	Exc.
Pasture	5	19	37	36	3
Corn	3	13	46	36	2
Soybeans	4	11	36	45	4
Sunflowers	2	5	24	50	19
Sugarbeets	4	5	31	45	15

Statewide topsoil moisture conditions as of October 5th were rated 4% very short, 24% short, 71% adequate, and 1% surplus.

CORN AND SOYBEANS HARVESTED
AS OF OCTOBER 7TH, 1996-2001



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING OCTOBER 7, 2001:
Temperatures averaged from 3.5 degrees below normal in the Northeast District to 1.7 degrees below normal in the Southwest District. Extremes: 15° in Hibbing;91° in Redwood Falls, Olivia, Precipitation averaged from 0.67 inch below normal in the Southeast District to 0.20 inch below normal in the Northwest District. Greatest weekly total was 0.31 inch.



Precipitation and Temperature Summary for 10/01/2001 through 10/07/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	78	21	46.8	-3.2	0	-.43	-1.19	1.57	2283	145
Moorhead	81	19	47.9	-3.4	0	-.43	-1.18	.40	2346	78
Warroad	71m	22m	44.6m	-3.0m	.71m	.26m	-.99m	10.34m	2013m	182m
<u>NC DIST 2</u>										
Grand Rapids	80	25	47.3	-1.5	0	-.66	-1.62	-.63m	1961m	135m
Intl. Falls	76	18	42.4	-5.1	.31	-.26	-1.96	5.13	1926	168
Itasca	78	21	45.2	-2.7	0	-.61	-1.87	.35	2062	195
<u>WC DIST 3</u>										
Duluth	73	24	44.8	-3.6	.02	-.67	-2.69	-.06	1803	112
Grand Marais	63	31	47.4	-1.8	.01	-.68	-2.92	3.28	1137	-237
Hibbing	75	15	42.0	-5.0	0	-.61	-1.46	-3.29	1838	196
<u>WC DIST 4</u>										
Alexandria	79	22	47.6	-4.0	0	-.56	-1.49	-3.49m	2267	-5
Browns Valley	81	20	48.6	-3.2	0	-.43	.08	3.14	2414	58
Canby	88	25	52.1	-1.5	0	-.51	-.76	3.91	2582	30
Fergus Falls	78	23	50.0	-.4	0	-.47	-1.00	4.22	2429	224
Montevideo	90	22	52.2	-1.1	0	-.50	-.28	3.26	2409	-15
Morris	80	22	48.8	-2.3	0	-.53	-.12	6.86	2386	146
<u>CENT DIST 5</u>										
Becker	88	25	51.1	-.1	0	-.60	-1.25	-.14	2427	274
Hutchinson	89	26	52.2	-1.0	0	-.49	-.39	.24	2511	95
Olivia	91	21	50.5	-3.0	0	-.55	-.60	-1.40	2474	-25
St. Cloud	82	20	47.6	-3.4	.02	-.57	-2.08	.27	2271	133
Staples	76	20	46.8	-3.2	.01	-.58	-1.68	4.91	2139	121
Willmar	90	27	52.0	-.8	0	-.60	-1.63	-2.45	2462	89
<u>EC DIST 6</u>										
Aitkin	73	23	47.2	-2.5	.03	-.60	-2.20	.42	2121	168
Cambridge	M	M	M	M	M	M	-1.38m	4.86m	2157m	-60m
MSP Airport	86	29	51.0	-2.9	0	-.54	-.19	5.57	2619	99
St. Paul - UofM	86	27	53.2	-3.2	.01	-.63	-.41	3.22	2648	2
<u>SW DIST 7</u>										
Lamberton	90	24	52.3	-1.2	0	-.59	-.37	5.22	2455	6
Pipestone	89	23	50.4	-1.5	0	-.58	-1.01	2.46	2473	155
Redwood Falls	91	25	50.0	-4.9	0	-.53	-1.48	-3.50	2492	-118
Worthington	88	24	53.0	.3	0	-.58	-1.30	.09	2478	141
<u>SC DIST 8</u>										
Faribault	86	21	47.0	-6.7	0	-.66	-1.76	2.78	2391	13
Waseca	87	26	52.2	-.7	0	-.66	-.87	4.63	2452	110
Winnebago	88	27	53.2	-.1	0	-.61	-.95	-.27	2452	43
<u>SE DIST 9</u>										
Preston	79	20	50.2	-2.6	0	-.73	-.88	.21	2412	186
Red Wing	85	25	51.4	-.3	.03	-.68	-1.87	-2.53	2436	285
Rochester	84	23	49.2	-3.7	0	-.63	-.40	8.57	2258	-31
Rosemount	87	25	51.2	-1.3	0	-.67	-.53	-1.52m	2433	105
Winona	83	28	52.7	-1.3	0	-.66	-1.86	3.44	2472	64

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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